

IN THE CLAIMS

Please amend the claims as follows:

Claims 1-23 (Canceled).

Claim 24 (New): A polymer mixture, comprising:

- a) a polymer matrix which is composed of a (meth)acrylate (co)polymer or of a mixture of (meth)acrylate (co)polymers with a Vicat softening point (ISO 306-B50) of at least 104°C and/or of a (meth)acrylimide (co)polymer;
- b) an impact modifier which is based on crosslinked poly(meth)acrylates and which does not have covalent bonding to the polymer matrix a);
- c) from 1 to 15% by weight of plastics particles composed of crosslinked polymers based on polymethyl methacrylate, on polystyrene and/or on polysilicones, with a median particle size in the range from 1 to 30 µm,

wherein a), b) and c) give a total of 100% by weight, and

wherein the polymer mixture may also comprise conventional additives, auxiliaries and/or fillers, and a test specimen injection-moulded from the polymer mixture simultaneously has the following properties:

- a roughness value R_z to DIN 4768 of at least 0.7 µm;
- a gloss (R 60°) to DIN 67530 of at most 40; and
- a Vicat softening point (ISO 306-B50) of at least 90°C.

Claim 25 (New): The polymer mixture according to Claim 24, wherein the components are present with the following quantitative proportions:

- a) from 25 to 75% by weight;
- b) from 5 to 60% by weight; and

c) from 1 to 15% by weight.

Claim 26 (New): The polymer mixture according to Claim 24, wherein the impact modifier b) has a two- or three-shell structure.

Claim 27 (New): A polymer mixture according to Claim 24, wherein the polymer matrix a) is composed of a (meth)acrylate (co)polymer composed of from 96 to 100% by weight of methyl methacrylate and from 0 to 4% by weight of methyl acrylate, ethyl acrylate and/or butyl acrylate.

Claim 28 (New): The polymer mixture according to Claim 24, wherein the polymer matrix a) is a copolymer composed of methyl methacrylate, styrene and maleic anhydride.

Claim 29 (New): The polymer mixture according to Claim 28, wherein the polymer matrix a) is a copolymer composed of:

from 50 to 90% by weight of methyl methacrylate;

from 10 to 20% by weight of styrene; and

from 5 to 15% by weight of maleic anhydride.

Claim 30 (New): The polymer mixture according to Claim 24, wherein the constituents a) and b) of the polymer mixture are introduced individually or in the form of a compounded material which comprises the following components:

d) a low-molecular-weight (meth)acrylate (co)polymer;

characterized by a solution viscosity in chloroform at 25°C (ISO 1628 – Part 6) smaller than or equal to 55 ml/g;

e) an impact modifier based on crosslinked poly(meth)acrylates;

f) a relatively high-molecular-weight (meth)acrylate (co)polymer;

characterized by a solution viscosity in chloroform at 25°C (ISO 1628 – Part 6) smaller than or equal to 65 ml/g; and/or

g) a (meth)acrylate (co)polymer other than d) characterized by a solution viscosity in chloroform at 25°C (ISO 1628 – Part 6) of from 50 to 55 ml/g;

wherein each of the components d), e), f) and/or g) may be an individual polymer or else a mixture of polymers,

wherein d), e), f) and/or g) give a total of 100% by weight;

wherein the polymer mixture may also comprise conventional additives, auxiliaries and/or fillers; and

wherein a test specimen produced from the polymer mixture of components d), e), f) and/or g) simultaneously has the following properties:

a tensile modulus (ISO 527) of at least 2600 MPa;

a Vicat softening point (ISO 306-B50) of at least 109°C;

an impact strength (ISO 179-2D, flatwise) of at least 17 kJ/m²; and

a melt index (ISO 1133, 230°C/3.8 kg) of at least 1.5 cm³/10 min.

Claim 31 (New): The polymer mixture according to Claim 30, wherein the components are present with the following quantitative proportions and give a total of 100% by weight:

d) from 25 to 75% by weight;

e) from 10 to 60% by weight;

f) and/or g) from 10 to 50% by weight.

Claim 32 (New): The polymer mixture according to Claim 30, wherein component d) is a copolymer composed of methyl methacrylate, styrene and maleic anhydride.

Claim 33 (New): The polymer mixture according to Claim 32, wherein component d) is a copolymer composed of:

from 50 to 90% by weight of methyl methacrylate;

from 10 to 20% by weight of styrene; and

from 5 to 15% by weight of maleic anhydride.

Claim 34 (New): The polymer mixture according to Claim 30, wherein component e) has a two- or three-shell structure.

Claim 35 (New): The polymer mixture according to Claim 30, wherein component f) is a copolymer composed of methyl methacrylate, styrene and maleic anhydride.

Claim 36 (New) The polymer mixture according to Claim 35, wherein component f) is a copolymer composed of:

from 50 to 90% by weight of methyl methacrylate;

from 10 to 20% by weight of styrene; and

from 5 to 15% by weight of maleic anhydride.

Claim 37 (New): The polymer mixture according to Claim 30, wherein component g) is a homopolymer or copolymer composed of at least 80% by weight of methyl

methacrylate and, where appropriate, up to 20% by weight of other monomers copolymerizable with methyl methacrylate.

Claim 38 (New): The polymer mixture according to Claim 36, wherein component g) is a copolymer composed of from 95 to 99.5% by weight of methyl methacrylate and from 0.5 to 5% by weight of methyl acrylate, ethyl acrylate and/or butyl acrylate.

Claim 39 (New): The polymer mixture according to Claim 24, wherein a lubricant is present as auxiliary.

Claim 40 (New): The polymer mixture according to Claim 38, wherein stearyl alcohol is present as mould-release agent.

Claim 41 (New): The polymer mixture according to Claim 24, wherein it takes the form of a pelletized moulding composition.

Claim 42 (New): A process for producing injection mouldings, which comprises adding, a polymer mixture according to Claim 24 as starting material in the injection mouldings.

Claim 43 (New): An injection moulding, capable of production in a process according to Claim 19.

Claim 44 (New): The injection moulding according to Claim 42, wherein it has a roughness value Rz to DIN 4768 of at least 0.7 μm , a gloss (R 60°) to DIN 67530 of at most 40 and a Vicat softening point (ISO 306-B50) of at least 90°C.

Claim 45 (New): The injection moulding according to Claim 42, wherein it has one or more of the following properties:

- a tensile modulus (ISO 527) of at least 2600 MPa;
- a Vicat softening point (ISO 306-B50) of at least 108°C;
- an impact strength (ISO 179-2D, flatwise) of at least 10 kJ/m²; and
- a melt index (ISO 1133, 230°C/3.8 kg) of at least 0.5 cm³/10 min.

Claim 46 (New): The injection moulding according to Claim 42, wherein the injection moulding is a part of a household appliance, communication device, device for hobbies or sports, or a bodywork part or a part of bodywork parts in the construction of automobiles, ships or aircraft.